

WELL : Austin Pearce
 LOCATION : Sec. 20, 38S, 34E, 15 Mi. sw
 of Okeechobee
 COUNTY : Glades
 ELEVATION : 25
 DEPTH : 1215

REMARKS : No Electric Log. The boundry
 of Lake City Limestone is not
 certain and it may be in the
 depth below 1210'

CHEN 1963

0	590	MIOCENE AND YOUNGER
590	620	OLIGOCENE
620	890	OCALA GROUP
890	1210	AVON PARK LIMESTONE
1210	1215	LAKE CITY LIMESTONE
0	575	MIOCENE AND YOUNGER
575	590	Sandy (10% of phosphatic pellets and quartz sands) fossiliferous and phosphatic LIMESTONE, very light brown to chalky white
590	620	Fossiliferous LIMESTONE, fragmental, light brown
620	630	Fossiliferous LIMESTONE, finely fragmental, light brown, forams as <u>Lepidocyclina</u> , etc., rather common
630	665	As above, large forams abundant
665	855	Highly fossiliferous LIMESTONE, microcoquina (forams) microcrystalline, not well cemented, light brown, large forams abundant. The Limestone is composed entirely of large forams, rather pure and clean
855	890	Fossiliferous LIMESTONE, Biosparite, microcrystalline, fragmental, light brown with forams

- 890 1020 Fossiliferous LIMESTONE, Biosparite, fragmental, rather well cemented, light brown, forams as Cosk., Lituonella, etc., rather common
- 1020 1135 As above, fragmental to pseudo-oolite, microcrystalline, light brown to brown, forams rather common
- 1135 1190 Fossiliferous LIMESTONE, microcrystalline, fragmental to pseudo-oolite, brown, forams rather common
- 1190 1210 DOLOMITE, fine crystalline, dark brown
- 1210 1215 Fossiliferous LIMESTONE, carbonaceous LIMESTONE fragments

LITHOLOGIC WELL LOG PRINTOUT

SOURCE - FGS

WELL NUMBER: W-2396
 TOTAL DEPTH: 01215 FT.
 SAMPLES - NONE

COUNTY - GLADES
 LOCATION: T.38S R.34E S.20 C
 LAT = 27D 09M 11S
 LON = 80D 57M 29S

COMPLETION DATE: 06/03/51
 OTHER TYPES OF LOGS AVAILABLE - NONE

ELEVATION: 25 FT

OWNER/DRILLER:OWNER: AUSTIN PEARCE

WORKED BY:CHIH SHAN CHEN (1963); CODED AND ENTERED BY JOEL DUNCAN, 8/7/89
 HEAD: 31' ABOVE LAND SURFACE; YIELD: FLOWED 565 GPM;
 BETWEEN 390 AND 476 FT, 518 AND 527 FT., DESCRIPTIONS PROBABLY REPRESENT
 SPECIFIC DEPTHS RATHER THAN INTERVALS (SEE GEOLOGIST LOG IN GREEN-BOOK).

0.	-	65.	000NOSM	NO SAMPLES
65.	-	110.	122TMM	TAMIAMI FM.
110.	-	188.	000NOSM	NO SAMPLES
188.	-	620.	122HTRN	HAWTHORN GROUP
620.	-	888.	124OCAL	OCALA GROUP
888.	-	1215.	124AVPK	AVON PARK FM.
0	-	65	NO SAMPLES	
65	-	110	LIMESTONE; MODERATE GRAY GRAIN TYPE: CALCILUTITE, SKELETAL CEMENT TYPE(S): CALCILUTITE MATRIX, CLAY MATRIX ACCESSORY MINERALS: CLAY- %, CALCILUTITE- % QUARTZ SAND- % FOSSILS: ECHINOID, MOLLUSKS SANDY, PHOSPHATIC MARL; PECTINS	
110	-	188	NO SAMPLES	
188	-	188	CLAY; OTHER FEATURES: PLASTIC FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS DARK BLUE-GREEN CLAY	
188	-	314	AS ABOVE SANDY(COARSE)AND PHOSPHATIC; NUMEROUS PELECYPODS, PECTIN AND ARCAS; NUMEROUS CHLAMYS COMPARILIS	
314	-	337	CLAY; LIGHT OLIVE ACCESSORY MINERALS: QUARTZ SAND- % FOSSILS: MOLLUSKS SANDY, PHOSPHATIC; MANY PELECYPODS , VENUS AND DOSINIA	
337	-	346	NO SAMPLES	

- 346 - 357 CLAY; LIGHT OLIVE
ACCESSORY MINERALS: QUARTZ SAND- $\%$
VERY SANDY(FINE GRAIN)
- 357 - 358 CLAY; LIGHT GRAYISH GREEN
OTHER FEATURES: PLASTIC
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS
- 358 - 378 CLAY; LIGHT OLIVE
ACCESSORY MINERALS: MICA- $\%$, QUARTZ SAND- $\%$
OTHER FEATURES: PLASTIC
OLIVE DRAB TO DARK GRAY-BLUE; W/VERY FINE SAND
- 378 - 388 CLAY;
ACCESSORY MINERALS: QUARTZ SAND- $\%$
DARK OLIVE DRAB; SANDY W/MED TO COARSE GRAINS
- 388 - 390 NO SAMPLES
- 390 - 400 CLAY; MODERATE BLuish GRAY
ACCESSORY MINERALS: QUARTZ SAND- $\%$, MICA- $\%$
OTHER FEATURES: PLASTIC
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS
- 400 - 406 AS ABOVE
- 406 - 409 NO SAMPLES
- 409 - 409 CLAY; DARK GREENISH GRAY
ACCESSORY MINERALS: QUARTZ SAND- $\%$, PHOSPHATIC GRAVEL- $\%$
OTHER FEATURES: PLASTIC
FOSSILS: MOLLUSKS
SANDY; CONTAINS FRAGMENTS OF OYSTER SHELLS PHOSPHATE
PEBBLES UP TO 5MM IN DIAMETER ARE PRESENT
- 409 - 411 NO SAMPLES
- 411 - 411 AS ABOVE
LIGHTER COLOR
- 411 - 418 NO SAMPLES
- 418 - 418 AS ABOVE
- 418 - 420 NO SAMPLES
- 420 - 420 AS ABOVE
- 420 - 420 CLAY; DARK GREEN
ACCESSORY MINERALS: PHOSPHATIC GRAVEL- $\%$
OTHER FEATURES: PLASTIC
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS

420 - 428 NO SAMPLES

428 - 428 AS ABOVE

428 - 434 NO SAMPLES

434 - 434 CLAY; MODERATE GRAY TO LIGHT GREEN
ACCESSORY MINERALS: PHOSPHATIC GRAVEL- §
OTHER FEATURES: PLASTIC
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS
PHOSPHATE PEBBLES UP TO 10 MM IN DIAMETER

434 - 442 NO SAMPLES

442 - 442 AS ABOVE

442 - 450 NO SAMPLES

450 - 450 AS ABOVE

450 - 454 NO SAMPLES

454 - 454 CLAY; GRAYISH BROWN
ACCESSORY MINERALS: QUARTZ SAND-§
SANDY AND PHOSPHATIC, W/SOME MATERIAL AS ABOVE

454 - 465 NO SAMPLES

465 - 465 AS ABOVE

465 - 475 CLAY; LIGHT BROWN
ACCESSORY MINERALS: LIMESTONE- §
OTHER FEATURES: PLASTIC
FOSSILS: ECHINOID
PHOSPHATIC; W/TAN, FINELY CRYSTALLINE, POROUS LIMESTONE

475 - 476 NO SAMPLES

476 - 476 AS ABOVE

476 - 480 CLAY; MODERATE GRAY
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS
PHOSPHATIC

480 - 505 LIMESTONE; WHITE
GRAIN TYPE: SKELETAL
MODERATE INDURATION
FOSSILS: MOLLUSKS, FOSSIL FRAGMENTS
PHOSPHATIC

505 - 516 PHOSPHATE; BLACK TO MODERATE BROWN
ACCESSORY MINERALS: LIMESTONE-§
PHOSPHATIC PEBBLES W/LIMESTONE AS ABOVE